Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050244030015	**Setting CN**	3184333010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/1/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	20	**No Plots Installed: 5**	**Habitat Type Code: 524**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	C

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	224
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	19.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	17.3
Live trees/acre ≥ 9" with dead/broken tops	9.5
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	49.7

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	224	7.4	12.1	19.5	
Std Dev	0	0	92.1	3.3	5.4	5.6	
CV %	0	0	41.1	44.7	44.7	28.7	
SE	0	0	41.2	1.5	2.4	2.5	
SE %	0	0	18.4	20	20	12.8	
95% CI	0	0	80.7	2.9	4.8	4.9	
90% CI	0	0	67.7	2.4	4	4.1	
80% CI	0	0	52.8	1.9	3.1	3.2	
70% CI	0	0	42.7	1.5	2.5	2.6	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	200	0	0	0	
Plot 2	0	0	133.1	36.9	0	36.9	
Plot 3	0	0	183.5	0	0	0	
Plot 4	0	0	320	0	0	0	
Plot 5	0	0	320	0	60.6	60.6	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020018	**Setting CN**	3184339010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/3/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	10	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	160
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	40.8
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	25.5
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	7

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	160	40.8	0	40.8	
Std Dev	0	0	40	14.5	0	14.5	
CV %	0	0	25	35.6	0	35.6	
SE	0	0	23.1	8.4	0	8.4	
SE %	0	0	14.4	20.6	0	20.6	
95% CI	0	0	45.3	16.4	0	16.4	
90% CI	0	0	38	13.8	0	13.8	
80% CI	0	0	29.6	10.7	0	10.7	
70% CI	0	0	23.9	8.7	0	8.7	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	198	0	0	0	
Plot 2	0	0	120	35.6	0	35.6	
Plot 3	0	0	200	86.7	0	86.7	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020021	Setting CN	3184343010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/3/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	4	**No Plots Installed: 3**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	6.1
Live basal area/acre ≥ 5" DBH	293.3
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	39.8
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	26.4
Live trees/acre ≥ 9" with dead/broken tops	9.7
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	9.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	6.1	145	293.3	32.6	7.1	39.8	
Std Dev	10.6	0	100.7	18.8	4.1	23	
CV %	173.2	0	34.3	57.7	57.7	57.7	
SE	6.1	0	58.1	10.9	2.4	13.3	
SE %	100	0	19.8	33.3	33.3	33.3	
95% CI	12	0	113.9	21.3	4.7	26	
90% CI	10.1	0	95.6	17.9	3.9	21.8	
80% CI	7.9	0	74.5	13.9	3.1	17	
70% CI	6.4	0	60.2	11.3	2.5	13.7	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	18.4	145	200	0	0	0	
Plot 2	0	0	280	0	0	0	
Plot 3	0	0	400	97.9	21.4	119.3	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020030	Setting CN	3184347010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/3/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	7	No Plots Installed: 3	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	14.6
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	21.9
Live trees/acre ≥ 9" with dead/broken tops	24.8
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	200	6.8	7.7	14.6	
Std Dev	0	0	105.8	4	4.5	8.4	
CV %	0	0	52.9	57.7	57.7	57.7	
SE	0	0	61.1	2.3	2.6	4.9	
SE %	0	0	30.6	33.3	33.3	33.3	
95% CI	0	0	119.8	4.5	5	9.5	
90% CI	0	0	100.5	3.8	4.2	8	
80% CI	0	0	78.3	2.9	3.3	6.2	
70% CI	0	0	63.3	2.4	2.7	5	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	120	20.5	23.1	43.7	
Plot 2	0	0	320	0	0	0	
Plot 3	0	0	160	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020031	Setting CN	3184351010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/3/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	15	No Plots Installed: 3	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	1
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	25.8
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	200	0	0	0	
Std Dev	0	0	40	0	0	0	
CV %	0	0	20	0	0	0	
SE	0	0	23.1	0	0	0	
SE %	0	0	11.5	0	0	0	
95% CI	0	0	45.3	0	0	0	
90% CI	0	0	38	0	0	0	
80% CI	0	0	29.6	0	0	0	
70% CI	0	0	23.9	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	240	0	0	0	
Plot 2	0	0	200	0	0	0	
Plot 3	0	0	160	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030001	**Setting CN**	3184355010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	5/20/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	28	**No Plots Installed: 6**	**Habitat Type Code: 524**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	C

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	186.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	17.3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	26.9
Live trees/acre ≥ 9" with dead/broken tops	12.3
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	15.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	186.7	17.3	0	17.3	
Std Dev	0	0	82.6	3.8	0	3.8	
CV %	0	0	44.3	21.9	0	21.9	
SE	0	0	33.7	1.5	0	1.5	
SE %	0	0	18.1	8.9	0	8.9	
95% CI	0	0	66.1	3	0	3	
90% CI	0	0	55.5	2.5	0	2.5	
80% CI	0	0	43.2	2	0	2	
70% CI	0	0	34.9	1.6	0	1.6	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	80	17.5	0	17.5	
Plot 2	0	0	280	0	0	0	
Plot 3	0	0	160	0	0	0	
Plot 4	0	0	280	0	0	0	
Plot 5	0	0	200	56.2	0	56.2	
Plot 6	0	0	120	30.1	0	30.1	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030024	**Setting CN**	3184362010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/5/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	39	**No Plots Installed: 10**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	7.7
Live basal area/acre ≥ 5" DBH	236
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	18.4
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	37.2
Live trees/acre ≥ 9" with dead/broken tops	0.4
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	8.8

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	7.7	203.3	236	5.5	12.9	18.4	
Std Dev	8.8	79.2	97	1.3	2.5	2.6	
CV %	113.7	39	41.1	24.6	19.5	14	
SE	2.8	25	30.7	0.4	0.8	0.8	
SE %	35.9	12.3	13	7.8	6.2	4.4	
95% CI	5.4	49.1	60.1	0.8	1.6	1.6	
90% CI	4.6	41.2	50.4	0.7	1.3	1.3	
80% CI	3.6	32.1	39.3	0.5	1	1	
70% CI	2.9	26	31.8	0.4	0.8	0.8	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	341.2	0	0	0	
Plot 2	13.9	150	190.3	0	46.2	46.2	
Plot 3	12.4	140	160	0	0	0	
Plot 4	0	0	355.2	0	11.4	11.4	
Plot 5	0	0	200	0	0	0	
Plot 6	19.8	325	401.3	0	0	0	
Plot 7	0	0	170.8	42.1	0	42.1	
Plot 8	9.8	150	146.5	12.7	0	12.7	
Plot 9	21.4	178.7	282.4	0	0	0	
Plot 10	0	0	293.5	0	71.9	71.9	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030090	**Setting CN**	3185147010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	5/11/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	11	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	186.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	21.2
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	18.7
Live trees/acre ≥ 9" with dead/broken tops	7.7
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	16.5

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	186.7	0	21.2	21.2	
Std Dev	0	0	83.3	0	6.2	6.2	
CV %	0	0	44.6	0	29.3	29.3	
SE	0	0	48.1	0	3.6	3.6	
SE %	0	0	25.8	0	16.9	16.9	
95% CI	0	0	94.2	0	7	7	
90% CI	0	0	79.1	0	5.9	5.9	
80% CI	0	0	61.6	0	4.6	4.6	
70% CI	0	0	49.8	0	3.7	3.7	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	306.2	0	28.6	28.6	
Plot 2	0	0	120.1	0	0	0	
Plot 3	0	0	160	0	34.9	34.9	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030099	Setting CN	3185152010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	5/10/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	5	No Plots Installed: 3	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	213.3
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	24.6
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	26.3
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	45

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	213.3	13	11.6	24.6	
Std Dev	0	0	92.4	7.5	3.5	8.9	
CV %	0	0	43.3	57.7	30.5	36.2	
SE	0	0	53.3	4.3	2	5.1	
SE %	0	0	25	33.3	17.6	20.9	
95% CI	0	0	104.5	8.5	4	10.1	
90% CI	0	0	87.7	7.1	3.4	8.5	
80% CI	0	0	68.4	5.6	2.6	6.6	
70% CI	0	0	55.3	4.5	2.1	5.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	320	0	20.8	20.8	
Plot 2	0	0	160	39.1	14	53.1	
Plot 3	0	0	160	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030104	**Setting CN**	3185156010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	5/12/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	9	**No Plots Installed: 3**	**Habitat Type Code: 571**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PICO
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	13
Minimum tree age	120
Minimum live basal area/acre ≥ 5" DBH	60

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	5.8
Live basal area/acre ≥ 5" DBH	120
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	15.2
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	37.8
Live trees/acre ≥ 9" with dead/broken tops	22.1
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	5.8

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	5.8	160	120	15.2	0	15.2	
Std Dev	10.1	0	45.8	8.7	0	8.7	
CV %	173.2	0	41.7	57.7	0	57.7	
SE	5.8	0	26.5	5.1	0	5.1	
SE %	100	0	24.1	33.3	0	33.3	
95% CI	11.4	0	51.9	9.9	0	9.9	
90% CI	9.6	0	43.5	8.3	0	8.3	
80% CI	7.4	0	33.9	6.5	0	6.5	
70% CI	6	0	27.4	5.2	0	5.2	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	180	0	0	0	
Plot 2	0	0	163.5	45.5	0	45.5	
Plot 3	17.4	160	60	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030105	**Setting CN**	3185160010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	5/12/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	14	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	160
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	23.6
Live trees/acre ≥ 9" with dead/broken tops	8.9
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	32.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	160	0	0	0	
Std Dev	0	0	80	0	0	0	
CV %	0	0	50	0	0	0	
SE	0	0	46.2	0	0	0	
SE %	0	0	28.9	0	0	0	
95% CI	0	0	90.5	0	0	0	
90% CI	0	0	76	0	0	0	
80% CI	0	0	59.2	0	0	0	
70% CI	0	0	47.9	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	255.7	0	0	0	
Plot 2	0	0	160.6	0	0	0	
Plot 3	0	0	82.8	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030106	Setting CN	3185164010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	5/14/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	21	No Plots Installed: 5	Habitat Type Code: 571

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	4.2
Live basal area/acre ≥ 5" DBH	224
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	17
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	43.7
Live trees/acre ≥ 9" with dead/broken tops	7.2
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	20.9

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	4.2	268	224	17	0	17	
Std Dev	5.8	76	72.7	7.6	0	7.6	
CV %	138.3	28.4	32.4	44.7	0	44.7	
SE	2.6	34	32.5	3.4	0	3.4	
SE %	61.9	12.7	14.5	20	0	20	
95% CI	5.1	66.6	63.7	6.6	0	6.6	
90% CI	4.3	55.9	53.5	5.6	0	5.6	
80% CI	3.3	43.6	41.7	4.3	0	4.3	
70% CI	2.7	35.2	33.7	3.5	0	3.5	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	11.7	200	200	0	0	0	
Plot 2	0	0	160	0	0	0	
Plot 3	9.4	302	320	0	0	0	
Plot 4	0	0	281	0	0	0	
Plot 5	0	0	209.6	84.8	0	84.8	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030107	Setting CN	3185170010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	5/16/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	32	No Plots Installed: 8	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	240
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	42.4
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	31.9
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	22.9

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	240	28.6	13.7	42.4	
Std Dev	0	0	95.6	3.5	4.9	4.6	
CV %	0	0	39.8	12.1	35.4	11	
SE	0	0	33.8	1.2	1.7	1.6	
SE %	0	0	14.1	4.3	12.5	3.9	
95% CI	0	0	66.3	2.4	3.4	3.2	
90% CI	0	0	55.6	2	2.8	2.7	
80% CI	0	0	43.3	1.6	2.2	2.1	
70% CI	0	0	35	1.3	1.8	1.7	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	240	43.6	0	43.6	
Plot 2	0	0	280	26.9	0	26.9	
Plot 3	0	0	280	0	109.9	109.9	
Plot 4	0	0	171.9	73.3	0	73.3	
Plot 5	0	0	400	55.5	0	55.5	
Plot 6	0	0	280	0	0	0	
Plot 7	0	0	200	29.8	0	29.8	
Plot 8	0	0	80.1	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030108	Setting CN	3185179010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	5/18/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	68	No Plots Installed: 14	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	1.5
Live basal area/acre ≥ 5" DBH	214.3
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	25.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	32.6
Live trees/acre ≥ 9" with dead/broken tops	1
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	32

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	1.5	200	214.3	17	8.5	25.5	
Std Dev	3	0	53.5	3	1.7	3.2	
CV %	202.7	0	24.9	17.5	20.1	12.5	
SE	0.8	0	14.3	0.8	0.5	0.9	
SE %	54.2	0	6.7	4.7	5.4	3.3	
95% CI	1.6	0	28	1.6	0.9	1.7	
90% CI	1.3	0	23.5	1.3	0.8	1.4	
80% CI	1	0	18.3	1	0.6	1.1	
70% CI	0.8	0	14.8	0.8	0.5	0.9	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	240	25.4	0	25.4	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	280	156.1	0	156.1	
Plot 4	5.4	200	240	0	0	0	
Plot 5	0	0	240	0	8.3	8.3	
Plot 6	0	0	280	0	21.7	21.7	
Plot 7	7	200	200.1	0	0	0	
Plot 8	8.5	200	240	0	0	0	
Plot 9	0	0	280	0	0	0	
Plot 10	0	0	120	0	88.9	88.9	
Plot 11	0	0	200	0	0	0	
Plot 12	0	0	120	26.9	0	26.9	
Plot 13	0	0	200	0	0	0	
Plot 14	0	0	204.2	29.4	0	29.4	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050001	Setting CN	3184373010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/1/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	81	No Plots Installed: 16	Habitat Type Code: 524

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	C

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	165
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	5.9
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	25.4
Live trees/acre ≥ 9" with dead/broken tops	7.3
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.9

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	165	5.9	0	5.9	
Std Dev	0	0	87.5	1.5	0	1.5	
CV %	0	0	53	25	0	25	
SE	0	0	21.9	0.4	0	0.4	
SE %	0	0	13.3	6.3	0	6.3	
95% CI	0	0	42.9	0.7	0	0.7	
90% CI	0	0	36	0.6	0	0.6	
80% CI	0	0	28	0.5	0	0.5	
70% CI	0	0	22.7	0.4	0	0.4	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	360	0	0	0	
Plot 2	0	0	200	0	0	0	
Plot 3	0	0	200	0	0	0	
Plot 4	0	0	200	0	0	0	
Plot 5	0	0	160	0	0	0	
Plot 6	0	0	120	94.9	0	94.9	
Plot 7	0	0	159.3	0	0	0	
Plot 8	0	0	40	0	0	0	
Plot 9	0	0	240	0	0	0	
Plot 10	0	0	200	0	0	0	
Plot 11	0	0	40	0	0	0	
Plot 12	0	0	280	0	0	0	
Plot 13	0	0	200	0	0	0	
Plot 14	0	0	120	0	0	0	
Plot 15	0	0	80	0	0	0	
Plot 16	0	0	80	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050003	**Setting CN**	3184390010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	5/26/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	40	**No Plots Installed: 11**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	210.9
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	15.3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	27.5
Live trees/acre ≥ 9" with dead/broken tops	4.5
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	5.9

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	210.9	15.3	0	15.3	
Std Dev	0	0	84.1	2.6	0	2.6	
CV %	0	0	39.9	17	0	17	
SE	0	0	25.4	0.8	0	0.8	
SE %	0	0	12	5.1	0	5.1	
95% CI	0	0	49.7	1.5	0	1.5	
90% CI	0	0	41.7	1.3	0	1.3	
80% CI	0	0	32.5	1	0	1	
70% CI	0	0	26.3	0.8	0	0.8	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	120	26.6	0	26.6	
Plot 2	0	0	280	0	0	0	
Plot 3	0	0	160	0	0	0	
Plot 4	0	0	185.6	0	0	0	
Plot 5	0	0	160	0	0	0	
Plot 6	0	0	280	0	0	0	
Plot 7	0	0	200	72.8	0	72.8	
Plot 8	0	0	120	69.1	0	69.1	
Plot 9	0	0	240	0	0	0	
Plot 10	0	0	203.7	0	0	0	
Plot 11	0	0	400	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050006	Setting CN	3184402010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/7/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	20	No Plots Installed: 4	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	14.6
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	22.4
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	10.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	200	14.6	0	14.6	
Std Dev	0	0	32.7	7.3	0	7.3	
CV %	0	0	16.3	50	0	50	
SE	0	0	16.3	3.7	0	3.7	
SE %	0	0	8.2	25	0	25	
95% CI	0	0	32	7.2	0	7.2	
90% CI	0	0	26.9	6	0	6	
80% CI	0	0	20.9	4.7	0	4.7	
70% CI	0	0	16.9	3.8	0	3.8	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	207.9	0	0	0	
Plot 2	0	0	206.5	0	0	0	
Plot 3	0	0	240	58.5	0	58.5	
Plot 4	0	0	192.9	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050020	Setting CN	3184407010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	5/28/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	7	No Plots Installed: 3	Habitat Type Code: 508

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	E

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	26.3
Live trees/acre ≥ 9" with dead/broken tops	6.8
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	200	0	0	0	
Std Dev	0	0	40	0	0	0	
CV %	0	0	20	0	0	0	
SE	0	0	23.1	0	0	0	
SE %	0	0	11.5	0	0	0	
95% CI	0	0	45.3	0	0	0	
90% CI	0	0	38	0	0	0	
80% CI	0	0	29.6	0	0	0	
70% CI	0	0	23.9	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	226	0	0	0	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	244.7	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050022	Setting CN	3184411010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	5/28/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	26	No Plots Installed: 5	Habitat Type Code: 521

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	C

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	192
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	36.3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	30.1
Live trees/acre ≥ 9" with dead/broken tops	14.9
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	28.9

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	192	36.3	0	36.3	
Std Dev	0	0	76.9	7.9	0	7.9	
CV %	0	0	40.1	21.7	0	21.7	
SE	0	0	34.4	3.5	0	3.5	
SE %	0	0	17.9	9.7	0	9.7	
95% CI	0	0	67.4	6.9	0	6.9	
90% CI	0	0	56.6	5.8	0	5.8	
80% CI	0	0	44.1	4.5	0	4.5	
70% CI	0	0	35.6	3.6	0	3.6	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	226	0	0	0	
Plot 2	0	0	280	64.1	0	64.1	
Plot 3	0	0	245.3	0	0	0	
Plot 4	0	0	80	28.6	0	28.6	
Plot 5	0	0	200	88.6	0	88.6	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050025	Setting CN	3184417010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/7/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	16	No Plots Installed: 4	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	3.9
Live basal area/acre ≥ 5" DBH	260
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	3.3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	39.2
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	23.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	3.9	225	260	0	3.3	3.3	
Std Dev	4.8	35.4	136.6	0	1.7	1.7	
CV %	122.7	15.7	52.5	0	50	50	
SE	2.4	17.7	68.3	0	0.8	0.8	
SE %	61.3	7.9	26.3	0	25	25	
95% CI	4.7	34.6	133.9	0	1.6	1.6	
90% CI	3.9	29.1	112.4	0	1.4	1.4	
80% CI	3.1	22.7	87.6	0	1.1	1.1	
70% CI	2.5	18.3	70.8	0	0.9	0.9	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	9.8	200	120	0	0	0	
Plot 2	0	0	329.2	0	13.3	13.3	
Plot 3	5.8	250	440	0	0	0	
Plot 4	0	0	204.7	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050027	Setting CN	3184422010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/7/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	9	No Plots Installed: 3	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	24.5
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	10.3

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	200	0	0	0	
Std Dev	0	0	69.3	0	0	0	
CV %	0	0	34.6	0	0	0	
SE	0	0	40	0	0	0	
SE %	0	0	20	0	0	0	
95% CI	0	0	78.4	0	0	0	
90% CI	0	0	65.8	0	0	0	
80% CI	0	0	51.3	0	0	0	
70% CI	0	0	41.4	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	160	0	0	0	
Plot 2	0	0	302.4	0	0	0	
Plot 3	0	0	169.4	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020017	Setting CN	3253588010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/19/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	20	No Plots Installed: 4	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	220
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	27.8
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	25.1
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	37.9

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	220	22	5.8	27.8	
Std Dev	0	0	95.2	7.1	2.9	6.2	
CV %	0	0	43.3	32.5	50	22.2	
SE	0	0	47.6	3.6	1.4	3.1	
SE %	0	0	21.6	16.2	25	11.1	
95% CI	0	0	93.3	7	2.8	6.1	
90% CI	0	0	78.3	5.9	2.4	5.1	
80% CI	0	0	61	4.6	1.9	4	
70% CI	0	0	49.3	3.7	1.5	3.2	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	240	0	0	0	
Plot 2	0	0	280	0	23.1	23.1	
Plot 3	0	0	80	27.9	0	27.9	
Plot 4	0	0	280	60	0	60	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030012	Setting CN	3253597010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/17/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	9	No Plots Installed: 3	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	17.3
Live basal area/acre ≥ 5" DBH	320
Meets old-growth definition?	1

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	3.1
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	37.1
Live trees/acre ≥ 9" with dead/broken tops	3.3
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	34.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	17.3	245	320	3.1	0	3.1	
Std Dev	29.9	0	40	1.8	0	1.8	
CV %	173.2	0	12.5	57.7	0	57.7	
SE	17.3	0	23.1	1	0	1	
SE %	100	0	7.2	33.3	0	33.3	
95% CI	33.8	0	45.3	2	0	2	
90% CI	28.4	0	38	1.7	0	1.7	
80% CI	22.1	0	29.6	1.3	0	1.3	
70% CI	17.9	0	23.9	1.1	0	1.1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	302.1	0	0	0	
Plot 2	0	0	320	0	0	0	
Plot 3	51.8	245	360.1	9.2	0	9.2	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030013	Setting CN	3253601010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/30/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	25	No Plots Installed: 6	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	8.4
Live basal area/acre ≥ 5" DBH	246.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	12.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	31.2
Live trees/acre ≥ 9" with dead/broken tops	8.6
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	33.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	8.4	236.9	246.7	11.1	1.3	12.5	
Std Dev	9.2	25.8	46.8	4.2	0.5	4.2	
CV %	108.8	10.9	19	38	40.8	33.6	
SE	3.8	10.5	19.1	1.7	0.2	1.7	
SE %	44.4	4.4	7.7	15.5	16.7	13.7	
95% CI	7.4	20.6	37.4	3.4	0.4	3.4	
90% CI	6.2	17.3	31.4	2.8	0.4	2.8	
80% CI	4.8	13.5	24.5	2.2	0.3	2.2	
70% CI	3.9	10.9	19.8	1.8	0.2	1.8	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	7.7	195	160	0	0	0	
Plot 2	0	0	240	62.9	0	62.9	
Plot 3	25.1	240.5	280.6	4	7.9	11.9	
Plot 4	9.9	244	280	0	0	0	
Plot 5	0	0	280	0	0	0	
Plot 6	8	250	243.2	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030046	Setting CN	3253608010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/27/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	22	No Plots Installed: 7	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	12.8
Live basal area/acre ≥ 5" DBH	228.6
Meets old-growth definition?	1

Associated Characteristics

Vertical Structure	3
Snags/Acre ≥ 9"	32
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	37.9
Live trees/acre ≥ 9" with dead/broken tops	4.8
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	25.9

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	12.8	198.8	228.6	32	0	32	
Std Dev	12.9	22.1	44.5	3.4	0	3.4	
CV %	101.1	11.1	19.5	10.6	0	10.6	
SE	4.9	8.3	16.8	1.3	0	1.3	
SE %	38.2	4.2	7.4	4	0	4	
95% CI	9.5	16.4	33	2.5	0	2.5	
90% CI	8	13.7	27.7	2.1	0	2.1	
80% CI	6.2	10.7	21.6	1.6	0	1.6	
70% CI	5	8.6	17.4	1.3	0	1.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	216.6	16.6	0	16.6	
Plot 2	0	0	240	67.9	0	67.9	
Plot 3	0	0	160	35.4	0	35.4	
Plot 4	19.7	217	280.3	56.4	0	56.4	
Plot 5	22.6	208	200.6	17.5	0	17.5	
Plot 6	31.7	202.5	288.7	0	0	0	
Plot 7	15.3	166.7	244.7	30.1	0	30.1	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030056	Setting CN	3253616010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/30/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	8	No Plots Installed: 3	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	1.8
Live basal area/acre ≥ 5" DBH	266.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	20.6
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	34.2
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	27.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	1.8	200	266.7	18.1	2.5	20.6	
Std Dev	3.1	0	115.5	5.4	1.5	6.5	
CV %	173.2	0	43.3	29.9	57.7	31.7	
SE	1.8	0	66.7	3.1	0.8	3.8	
SE %	100	0	25	17.3	33.3	18.3	
95% CI	3.5	0	130.7	6.1	1.7	7.4	
90% CI	3	0	109.7	5.1	1.4	6.2	
80% CI	2.3	0	85.5	4	1.1	4.8	
70% CI	1.9	0	69.1	3.2	0.9	3.9	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	400	0	0	0	
Plot 2	0	0	200	22.9	0	22.9	
Plot 3	5.4	200	200.3	31.3	7.6	39	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030079	Setting CN	3253620010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/13/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	36	No Plots Installed: 7	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0.8
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	37.4
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	40.4
Live trees/acre ≥ 9" with dead/broken tops	11.9
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	30.5

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0.8	250	200	32.6	4.8	37.4	
Std Dev	2.2	0	61.1	5.2	1.8	6.5	
CV %	264.6	0	30.6	15.8	37.8	17.3	
SE	0.8	0	23.1	1.9	0.7	2.4	
SE %	100	0	11.5	6	14.3	6.5	
95% CI	1.6	0	45.3	3.8	1.3	4.8	
90% CI	1.4	0	38	3.2	1.1	4	
80% CI	1.1	0	29.6	2.5	0.9	3.1	
70% CI	0.9	0	23.9	2	0.7	2.5	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	204	0	0	0	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	240	42.1	0	42.1	
Plot 4	0	0	163.2	26.9	0	26.9	
Plot 5	5.9	250	359.3	84.9	33.5	118.4	
Plot 6	0	0	160	74.5	0	74.5	
Plot 7	0	0	160	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030100	Setting CN	3253628010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/21/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	18	No Plots Installed: 4	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	2.2
Live basal area/acre ≥ 5" DBH	180
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	1
Snags/Acre ≥ 9"	21.2
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	36.1
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	33.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	2.2	140	180	21.2	0	21.2	
Std Dev	4.4	0	51.6	10.6	0	10.6	
CV %	200	0	28.7	50	0	50	
SE	2.2	0	25.8	5.3	0	5.3	
SE %	100	0	14.3	25	0	25	
95% CI	4.3	0	50.6	10.4	0	10.4	
90% CI	3.6	0	42.5	8.7	0	8.7	
80% CI	2.8	0	33.1	6.8	0	6.8	
70% CI	2.3	0	26.7	5.5	0	5.5	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	120.9	0	0	0	
Plot 2	0	0	161.1	0	0	0	
Plot 3	8.8	140	240	84.8	0	84.8	
Plot 4	0	0	205.3	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030101	Setting CN	3253633010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/2/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	9	No Plots Installed: 3	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	1.3
Live basal area/acre ≥ 5" DBH	213.3
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	12
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	49.2
Live trees/acre ≥ 9" with dead/broken tops	27.8
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	60.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	1.3	250	213.3	12	0	12	
Std Dev	2.2	0	61.1	6.9	0	6.9	
CV %	173.2	0	28.6	57.7	0	57.7	
SE	1.3	0	35.3	4	0	4	
SE %	100	0	16.5	33.3	0	33.3	
95% CI	2.5	0	69.1	7.8	0	7.8	
90% CI	2.1	0	58	6.6	0	6.6	
80% CI	1.6	0	45.2	5.1	0	5.1	
70% CI	1.3	0	36.5	4.1	0	4.1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	3.8	250	282.2	0	0	0	
Plot 2	0	0	189.9	35.9	0	35.9	
Plot 3	0	0	225.2	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030102	Setting CN	3253637010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/2/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	5	No Plots Installed: 3	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	226.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	41.8
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	31.9
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	34.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	226.7	41.8	0	41.8	
Std Dev	0	0	23.1	16.6	0	16.6	
CV %	0	0	10.2	39.6	0	39.6	
SE	0	0	13.3	9.6	0	9.6	
SE %	0	0	5.9	22.9	0	22.9	
95% CI	0	0	26.1	18.7	0	18.7	
90% CI	0	0	21.9	15.7	0	15.7	
80% CI	0	0	17.1	12.3	0	12.3	
70% CI	0	0	13.8	9.9	0	9.9	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	240.6	28.6	0	28.6	
Plot 2	0	0	200	96.7	0	96.7	
Plot 3	0	0	240.4	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030109	Setting CN	3185195010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	5/11/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	17	No Plots Installed: 3	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	Cannot Assess: Not enough ages measured
Old-Growth Forest Type	
Old-Growth Habitat Type Group	

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	
Minimum tree DBH	
Minimum tree age	
Minimum live basal area/acre ≥ 5" DBH	

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	
Live basal area/acre ≥ 5" DBH	
Meets old-growth definition?	Cannot Assess: Not enough ages measured

Associated Characteristics

Vertical Structure	
Snags/Acre ≥ 9"	
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	
Live trees/acre ≥ 9" with dead/broken tops	
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	Cannot Assess: Not enough ages measured
Future old growth: 20 Years	Cannot Assess: Not enough ages measured
Future old growth: 30 Years	Cannot Assess: Not enough ages measured
Future old growth: 40 Years	Cannot Assess: Not enough ages measured

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate							
Std Dev							
CV %							
SE							
SE %							
95% CI							
90% CI							
80% CI							
70% CI							

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1							
Plot 2							
Plot 3							

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030112	Setting CN	3253641010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/15/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	36	No Plots Installed: 7	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	LAOC
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	3.6
Live basal area/acre ≥ 5" DBH	177.1
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	14.2
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	39.4
Live trees/acre ≥ 9" with dead/broken tops	3.6
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	30.8

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	3.6	310.3	177.1	14.2	0	14.2	
Std Dev	7.9	63.5	50.9	4.3	0	4.3	
CV %	218.8	20.5	28.7	30.1	0	30.1	
SE	3	24	19.2	1.6	0	1.6	
SE %	82.7	7.7	10.9	11.4	0	11.4	
95% CI	5.9	47	37.7	3.2	0	3.2	
90% CI	4.9	39.5	31.6	2.7	0	2.7	
80% CI	3.8	30.8	24.7	2.1	0	2.1	
70% CI	3.1	24.9	19.9	1.7	0	1.7	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	4.1	250	120	0	0	0	
Plot 2	21.2	330.3	207	0	0	0	
Plot 3	0	0	120	0	0	0	
Plot 4	0	0	160	79.9	0	79.9	
Plot 5	0	0	240	0	0	0	
Plot 6	0	0	160	0	0	0	
Plot 7	0	0	253.8	19.3	0	19.3	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030113	Setting CN	3253649010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/17/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	13	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	3.2
Live basal area/acre ≥ 5" DBH	160
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	29.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	39.9
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	3.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	3.2	230	160	29.5	0	29.5	
Std Dev	5.6	0	0	17	0	17	
CV %	173.2	0	0	57.7	0	57.7	
SE	3.2	0	0	9.8	0	9.8	
SE %	100	0	0	33.3	0	33.3	
95% CI	6.3	0	0	19.3	0	19.3	
90% CI	5.3	0	0	16.2	0	16.2	
80% CI	4.1	0	0	12.6	0	12.6	
70% CI	3.3	0	0	10.2	0	10.2	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	9.7	230	160	88.6	0	88.6	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	160	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030115	**Setting CN**	3253653010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/19/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	36	**No Plots Installed: 9**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	1.1
Live basal area/acre ≥ 5" DBH	160
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	10.1
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	28
Live trees/acre ≥ 9" with dead/broken tops	8.7
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	17.8

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	1.1	155	160	5.7	4.4	10.1	
Std Dev	3.4	0	63.2	1.5	1.5	1.9	
CV %	300	0	39.5	26.4	33.3	19.1	
SE	1.1	0	21.1	0.5	0.5	0.6	
SE %	100	0	13.2	8.8	11.1	6.4	
95% CI	2.2	0	41.3	1	1	1.3	
90% CI	1.9	0	34.7	0.8	0.8	1.1	
80% CI	1.4	0	27	0.6	0.6	0.8	
70% CI	1.2	0	21.8	0.5	0.5	0.7	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	50.1	10.8	0	10.8	
Plot 2	0	0	120	0	0	0	
Plot 3	0	0	121.6	0	0	0	
Plot 4	0	0	120	40.8	0	40.8	
Plot 5	0	0	200	0	39.7	39.7	
Plot 6	0	0	200	0	0	0	
Plot 7	10.1	155	240	0	0	0	
Plot 8	0	0	200	0	0	0	
Plot 9	0	0	202.4	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030120	**Setting CN**	3185200010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	5/18/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	42	**No Plots Installed: 8**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	3.2
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	3.4
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	35.1
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	28.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	3.2	183.3	200	0	3.4	3.4	
Std Dev	5.9	37.3	80	0	1.2	1.2	
CV %	186.7	20.3	40	0	35.4	35.4	
SE	2.1	13.2	28.3	0	0.4	0.4	
SE %	66	7.2	14.1	0	12.5	12.5	
95% CI	4.1	25.8	55.4	0	0.8	0.8	
90% CI	3.5	21.7	46.5	0	0.7	0.7	
80% CI	2.7	16.9	36.3	0	0.5	0.5	
70% CI	2.2	13.7	29.3	0	0.4	0.4	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	200	0	0	0	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	263.6	0	26.9	26.9	
Plot 4	0	0	200	0	0	0	
Plot 5	0	0	280	0	0	0	
Plot 6	11.3	150	321.3	0	0	0	
Plot 7	14.2	200	120	0	0	0	
Plot 8	0	0	80	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030131	**Setting CN**	3253663010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/15/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	12	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0.9
Live basal area/acre ≥ 5" DBH	253.3
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	44.4
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	51.1
Live trees/acre ≥ 9" with dead/broken tops	5.2
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0.9	400	253.3	44.4	0	44.4	
Std Dev	1.6	0	151.4	25.6	0	25.6	
CV %	173.2	0	59.8	57.7	0	57.7	
SE	0.9	0	87.4	14.8	0	14.8	
SE %	100	0	34.5	33.3	0	33.3	
95% CI	1.8	0	171.4	29	0	29	
90% CI	1.5	0	143.8	24.3	0	24.3	
80% CI	1.2	0	112.1	19	0	19	
70% CI	0.9	0	90.6	15.3	0	15.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	80.1	0	0	0	
Plot 2	2.7	400	360	133.1	0	133.1	
Plot 3	0	0	320	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255010056	Setting CN	3253667010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/2/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	8	No Plots Installed: 3	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	280
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	29.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	27.2
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	15.7

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	280	2.5	27	29.5	
Std Dev	0	0	105.8	1.5	8.4	8.7	
CV %	0	0	37.8	57.7	31.2	29.6	
SE	0	0	61.1	0.8	4.9	5	
SE %	0	0	21.8	33.3	18	17.1	
95% CI	0	0	119.8	1.7	9.5	9.9	
90% CI	0	0	100.5	1.4	8	8.3	
80% CI	0	0	78.3	1.1	6.2	6.5	
70% CI	0	0	63.3	0.9	5	5.2	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	196.8	7.6	31	38.6	
Plot 2	0	0	361.8	0	0	0	
Plot 3	0	0	320	0	50	50	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050048	Setting CN	3253671010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/23/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	20	**No Plots Installed: 5**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	7.6
Live basal area/acre ≥ 5" DBH	168
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	37.8
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	31.7
Live trees/acre ≥ 9" with dead/broken tops	5.1
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	7.3

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	7.6	220	168	31.6	6.3	37.8	
Std Dev	11.2	5.4	130.8	11.5	2.8	10.9	
CV %	147.5	2.5	77.9	36.3	44.7	28.9	
SE	5	2.4	58.5	5.1	1.3	4.9	
SE %	66	1.1	34.8	16.2	20	12.9	
95% CI	9.8	4.7	114.7	10	2.5	9.6	
90% CI	8.2	4	96.3	8.4	2.1	8	
80% CI	6.4	3.1	75	6.6	1.6	6.3	
70% CI	5.2	2.5	60.6	5.3	1.3	5.1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	13.1	224.5	360	0	0	0	
Plot 2	0	0	203.1	0	31.3	31.3	
Plot 3	24.8	217	240	11.7	0	11.7	
Plot 4	0	0	80.5	133.5	0	133.5	
Plot 5	0	0	40.7	12.6	0	12.6	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050049	Setting CN	3253677010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	6/23/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	16	No Plots Installed: 3	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	16.6
Live basal area/acre ≥ 5" DBH	280
Meets old-growth definition?	1

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	43.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	35.2
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	31.8

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	16.6	216.7	280	43.5	0	43.5	
Std Dev	28.8	0	105.8	19.8	0	19.8	
CV %	173.2	0	37.8	45.4	0	45.4	
SE	16.6	0	61.1	11.4	0	11.4	
SE %	100	0	21.8	26.2	0	26.2	
95% CI	32.6	0	119.8	22.4	0	22.4	
90% CI	27.4	0	100.5	18.8	0	18.8	
80% CI	21.3	0	78.3	14.6	0	14.6	
70% CI	17.2	0	63.3	11.8	0	11.8	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	49.9	216.7	400	0	0	0	
Plot 2	0	0	222.4	111	0	111	
Plot 3	0	0	240	19.5	0	19.5	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050055	**Setting CN**	3253681010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/23/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	21	**No Plots Installed: 5**	**Habitat Type Code: 524**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	C

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	5.2
Live basal area/acre ≥ 5" DBH	168
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	38.1
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	28.8
Live trees/acre ≥ 9" with dead/broken tops	5.7
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	29.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	5.2	152.5	168	38.1	0	38.1	
Std Dev	11.6	0	65.7	15.5	0	15.5	
CV %	223.6	0	39.1	40.8	0	40.8	
SE	5.2	0	29.4	6.9	0	6.9	
SE %	100	0	17.5	18.2	0	18.2	
95% CI	10.2	0	57.6	13.6	0	13.6	
90% CI	8.6	0	48.4	11.4	0	11.4	
80% CI	6.7	0	37.7	8.9	0	8.9	
70% CI	5.4	0	30.5	7.2	0	7.2	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	122	0	0	0	
Plot 2	0	0	120.1	0	0	0	
Plot 3	0	0	291.3	0	0	0	
Plot 4	0	0	160	176.6	0	176.6	
Plot 5	26	152.5	160	13.9	0	13.9	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050059	Setting CN	3185209010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	5/10/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	10	No Plots Installed: 3	Habitat Type Code: 578

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	18.1
Live basal area/acre ≥ 5" DBH	173.3
Meets old-growth definition?	1

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	24.4
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	33.5
Live trees/acre ≥ 9" with dead/broken tops	1.7
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	19.8

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	18.1	218.8	173.3	7.3	17.1	24.4	
Std Dev	10.5	22.9	83.3	4.2	6.3	4	
CV %	58	10.5	48	57.7	37	16.5	
SE	6.1	13.2	48.1	2.4	3.6	2.3	
SE %	33.5	6	27.7	33.3	21.4	9.5	
95% CI	11.9	25.9	94.2	4.8	7.1	4.5	
90% CI	10	21.7	79.1	4	6	3.8	
80% CI	7.8	16.9	61.6	3.1	4.7	3	
70% CI	6.3	13.7	49.8	2.5	3.8	2.4	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	6.9	250	80.4	21.9	0	21.9	
Plot 2	27.6	211	200	0	13.7	13.7	
Plot 3	19.8	215	240	0	37.4	37.4	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050140	Setting CN	3185213010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	5/10/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	8	No Plots Installed: 3	Habitat Type Code: 571

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	226.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	56.6
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	25.6
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	37.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	226.7	28.9	27.7	56.6	
Std Dev	0	0	92.4	16.7	3.1	13.6	
CV %	0	0	40.8	57.7	11.3	24	
SE	0	0	53.3	9.6	1.8	7.8	
SE %	0	0	23.5	33.3	6.5	13.9	
95% CI	0	0	104.5	18.9	3.5	15.4	
90% CI	0	0	87.7	15.8	3	12.9	
80% CI	0	0	68.4	12.3	2.3	10.1	
70% CI	0	0	55.3	10	1.9	8.1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	280	86.7	17	103.6	
Plot 2	0	0	280	0	34.4	34.4	
Plot 3	0	0	133.3	0	31.7	31.7	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020002	Setting CN	3290322010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	9/5/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	17	No Plots Installed: 4	Habitat Type Code: 524

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	C

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	160
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	4.9
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	21.6
Live trees/acre ≥ 9" with dead/broken tops	5.1
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	10

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	160	4.9	0	4.9	
Std Dev	0	0	73	2.5	0	2.5	
CV %	0	0	45.6	50	0	50	
SE	0	0	36.5	1.2	0	1.2	
SE %	0	0	22.8	25	0	25	
95% CI	0	0	71.6	2.4	0	2.4	
90% CI	0	0	60.1	2	0	2	
80% CI	0	0	46.8	1.6	0	1.6	
70% CI	0	0	37.8	1.3	0	1.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	240	0	0	0	
Plot 2	0	0	200	0	0	0	
Plot 3	0	0	120	19.7	0	19.7	
Plot 4	0	0	80	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020003	Setting CN	3290339010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/8/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	23	**No Plots Installed: 6**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	166.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	25.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	25.5
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	17.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	166.7	20.7	4.8	25.5	
Std Dev	0	0	73.4	4.1	1.9	6	
CV %	0	0	44	19.6	40.8	23.5	
SE	0	0	30	1.7	0.8	2.4	
SE %	0	0	18	8	16.7	9.6	
95% CI	0	0	58.7	3.3	1.6	4.8	
90% CI	0	0	49.3	2.7	1.3	4	
80% CI	0	0	38.4	2.1	1	3.1	
70% CI	0	0	31	1.7	0.8	2.5	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	80	0	0	0	
Plot 2	0	0	80	12.5	0	12.5	
Plot 3	0	0	240	14.1	0	14.1	
Plot 4	0	0	216.8	69.1	28.6	97.8	
Plot 5	0	0	160	15.9	0	15.9	
Plot 6	0	0	240	12.6	0	12.6	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020008	Setting CN	3290361010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	9/10/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	20	No Plots Installed: 5	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	2.7
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	33
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	27.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	200	2.7	0	2.7	
Std Dev	0	0	109.5	1.2	0	1.2	
CV %	0	0	54.8	44.7	0	44.7	
SE	0	0	49	0.5	0	0.5	
SE %	0	0	24.5	20	0	20	
95% CI	0	0	96	1	0	1	
90% CI	0	0	80.6	0.9	0	0.9	
80% CI	0	0	62.8	0.7	0	0.7	
70% CI	0	0	50.8	0.6	0	0.6	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	360	0	0	0	
Plot 2	0	0	82.4	0	0	0	
Plot 3	0	0	200	13.3	0	13.3	
Plot 4	0	0	140.3	0	0	0	
Plot 5	0	0	309.6	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020025	Setting CN	3290379010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/5/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	19	**No Plots Installed: 6**	**Habitat Type Code: 508**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	E

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	160
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	40.9
Live trees/acre ≥ 9" with dead/broken tops	23.1
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	160	0	0	0	
Std Dev	0	0	110.3	0	0	0	
CV %	0	0	68.9	0	0	0	
SE	0	0	45	0	0	0	
SE %	0	0	28.1	0	0	0	
95% CI	0	0	88.2	0	0	0	
90% CI	0	0	74.1	0	0	0	
80% CI	0	0	57.7	0	0	0	
70% CI	0	0	46.6	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	80	0	0	0	
Plot 2	0	0	80	0	0	0	
Plot 3	0	0	120	0	0	0	
Plot 4	0	0	320	0	0	0	
Plot 5	0	0	80	0	0	0	
Plot 6	0	0	280	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020041	Setting CN	3290386010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	9/12/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	5	No Plots Installed: 3	Habitat Type Code: 524

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	C

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	160
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	1
Snags/Acre ≥ 9"	3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	18.3
Live trees/acre ≥ 9" with dead/broken tops	5
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	13.1

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	160	3	0	3	
Std Dev	0	0	0	1.7	0	1.7	
CV %	0	0	0	57.7	0	57.7	
SE	0	0	0	1	0	1	
SE %	0	0	0	33.3	0	33.3	
95% CI	0	0	0	2	0	2	
90% CI	0	0	0	1.7	0	1.7	
80% CI	0	0	0	1.3	0	1.3	
70% CI	0	0	0	1	0	1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	160	9	0	9	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	160	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020046	**Setting CN**	3253710010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	7/11/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	9	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	4.5
Live basal area/acre ≥ 5" DBH	186.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	9.7
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	30.2
Live trees/acre ≥ 9" with dead/broken tops	23.5
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	12.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	4.5	200	186.7	9.7	0	9.7	
Std Dev	7.7	0	23.1	5.6	0	5.6	
CV %	173.2	0	12.4	57.7	0	57.7	
SE	4.5	0	13.3	3.2	0	3.2	
SE %	100	0	7.1	33.3	0	33.3	
95% CI	8.8	0	26.1	6.3	0	6.3	
90% CI	7.3	0	21.9	5.3	0	5.3	
80% CI	5.7	0	17.1	4.1	0	4.1	
70% CI	4.6	0	13.8	3.3	0	3.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	212.8	0	0	0	
Plot 2	0	0	261.8	29	0	29	
Plot 3	13.4	200	190	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020047	**Setting CN**	3290398010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/12/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	4	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	1
Snags/Acre ≥ 9"	16.4
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	25.1
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	8.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	200	16.4	0	16.4	
Std Dev	0	0	40	9.5	0	9.5	
CV %	0	0	20	57.7	0	57.7	
SE	0	0	23.1	5.5	0	5.5	
SE %	0	0	11.5	33.3	0	33.3	
95% CI	0	0	45.3	10.7	0	10.7	
90% CI	0	0	38	9	0	9	
80% CI	0	0	29.6	7	0	7	
70% CI	0	0	23.9	5.7	0	5.7	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	160	0	0	0	
Plot 2	0	0	200.1	0	0	0	
Plot 3	0	0	240.6	49.3	0	49.3	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020049	Setting CN	3290411010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/5/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	16	**No Plots Installed: 3**	**Habitat Type Code: 508**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	E

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	186.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	20.8
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	186.7	0	0	0	
Std Dev	0	0	100.7	0	0	0	
CV %	0	0	53.9	0	0	0	
SE	0	0	58.1	0	0	0	
SE %	0	0	31.1	0	0	0	
95% CI	0	0	113.9	0	0	0	
90% CI	0	0	95.6	0	0	0	
80% CI	0	0	74.5	0	0	0	
70% CI	0	0	60.2	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	280	0	0	0	
Plot 2	0	0	209.2	0	0	0	
Plot 3	0	0	106.2	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020050	Setting CN	3253714010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/11/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	16	No Plots Installed: 3	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	226.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	13.3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	30.7
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	226.7	2	11.3	13.3	
Std Dev	0	0	46.2	1.2	6.5	7.7	
CV %	0	0	20.4	57.7	57.7	57.7	
SE	0	0	26.7	0.7	3.8	4.4	
SE %	0	0	11.8	33.3	33.3	33.3	
95% CI	0	0	52.3	1.3	7.4	8.7	
90% CI	0	0	43.9	1.1	6.2	7.3	
80% CI	0	0	34.2	0.9	4.8	5.7	
70% CI	0	0	27.6	0.7	3.9	4.6	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	295.7	0	0	0	
Plot 2	0	0	200	0	0	0	
Plot 3	0	0	224.9	6.1	33.9	40	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020063	Setting CN	3290415010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	9/12/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	21	No Plots Installed: 4	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	3.6
Live basal area/acre ≥ 5" DBH	220
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	43.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	34.1
Live trees/acre ≥ 9" with dead/broken tops	5
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	29.5

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	3.6	210	220	37.7	5.8	43.5	
Std Dev	4.2	42.4	40	18.9	1.8	17.9	
CV %	115.7	20.2	18.2	50	31	41.2	
SE	2.1	21.2	20	9.4	0.9	9	
SE %	57.9	10.1	9.1	25	15.5	20.6	
95% CI	4.1	41.6	39.2	18.5	1.8	17.6	
90% CI	3.5	34.9	32.9	15.5	1.5	14.8	
80% CI	2.7	27.2	25.6	12.1	1.2	11.5	
70% CI	2.2	22	20.7	9.8	0.9	9.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	7.6	240	280.4	0	8.4	8.4	
Plot 2	0	0	200	150.8	0	150.8	
Plot 3	6.9	180	200	0	0	0	
Plot 4	0	0	200	0	14.9	14.9	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020068	Setting CN	3290430010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	8/30/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	26	No Plots Installed: 6	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	8.2
Live basal area/acre ≥ 5" DBH	220
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	14.4
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	35.9
Live trees/acre ≥ 9" with dead/broken tops	8.7
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	25.1

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	8.2	225.7	220	14.4	0	14.4	
Std Dev	14.4	56.6	42	3	0	3	
CV %	175.2	25.1	19.1	21.1	0	21.1	
SE	5.9	23.1	17.1	1.2	0	1.2	
SE %	71.5	10.2	7.8	8.6	0	8.6	
95% CI	11.6	45.3	33.6	2.4	0	2.4	
90% CI	9.7	38	28.2	2	0	2	
80% CI	7.6	29.6	22	1.6	0	1.6	
70% CI	6.1	24	17.7	1.3	0	1.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	240	0	0	0	
Plot 2	0	0	240	44.1	0	44.1	
Plot 3	35.4	251	325	0	0	0	
Plot 4	0	0	210.7	26.9	0	26.9	
Plot 5	14.1	175	200.1	15.6	0	15.6	
Plot 6	0	0	160	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020069	**Setting CN**	3290446010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/1/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	5	**No Plots Installed: 3**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	3.1
Live basal area/acre ≥ 5" DBH	240
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	15.2
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	30.7
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	7.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	3.1	145	240	0	15.2	15.2	
Std Dev	5.4	0	40	0	4.3	4.3	
CV %	173.2	0	16.7	0	28.3	28.3	
SE	3.1	0	23.1	0	2.5	2.5	
SE %	100	0	9.6	0	16.3	16.3	
95% CI	6.1	0	45.3	0	4.9	4.9	
90% CI	5.1	0	38	0	4.1	4.1	
80% CI	4	0	29.6	0	3.2	3.2	
70% CI	3.2	0	23.9	0	2.6	2.6	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	280	0	7.4	7.4	
Plot 2	9.4	145	200	0	30.1	30.1	
Plot 3	0	0	240	0	8.1	8.1	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020070	Setting CN	3290454010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/1/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	19	**No Plots Installed: 5**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	184
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	38.4
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	26.7
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	1.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	184	35.2	3.3	38.4	
Std Dev	0	0	35.8	15.7	1.5	15.4	
CV %	0	0	19.4	44.7	44.7	40.1	
SE	0	0	16	7	0.7	6.9	
SE %	0	0	8.7	20	20	17.9	
95% CI	0	0	31.4	13.8	1.3	13.5	
90% CI	0	0	26.3	11.6	1.1	11.3	
80% CI	0	0	20.5	9	0.8	8.8	
70% CI	0	0	16.6	7.3	0.7	7.1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	120	0	0	0	
Plot 2	0	0	200	0	0	0	
Plot 3	0	0	200	0	16.5	16.5	
Plot 4	0	0	200	175.8	0	175.8	
Plot 5	0	0	200	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030051	Setting CN	3253718010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	8/1/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	18	**No Plots Installed: 5**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	4.5
Live basal area/acre ≥ 5" DBH	232
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	45.7
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	23.7
Live trees/acre ≥ 9" with dead/broken tops	17.7
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	16.8

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	4.5	147.5	232	28.6	17.2	45.7	
Std Dev	10	0	76.9	7.8	5.2	6.2	
CV %	223.6	0	33.2	27.3	30.4	13.6	
SE	4.5	0	34.4	3.5	2.3	2.8	
SE %	100	0	14.8	12.2	13.6	6.1	
95% CI	8.8	0	67.4	6.8	4.6	5.5	
90% CI	7.4	0	56.6	5.7	3.8	4.6	
80% CI	5.8	0	44.1	4.5	3	3.6	
70% CI	4.7	0	35.6	3.6	2.4	2.9	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	144.2	94.8	0	94.8	
Plot 2	22.5	147.5	324.2	0	27	27	
Plot 3	0	0	200	0	58.8	58.8	
Plot 4	0	0	314.6	25.7	0	25.7	
Plot 5	0	0	240	22.4	0	22.4	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050003	Setting CN	3253724010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	8/1/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	40	No Plots Installed: 10	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	2.5
Live basal area/acre ≥ 5" DBH	152
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	12.6
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	43.2
Live trees/acre ≥ 9" with dead/broken tops	4.7
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	5.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	2.5	181.7	152	3.2	9.4	12.6	
Std Dev	6.4	48.4	46.4	0.5	1.6	1.6	
CV %	257	26.7	31.3	16.3	16.9	12.7	
SE	2	15.3	14.7	0.2	0.5	0.5	
SE %	81.3	8.4	9.9	5.1	5.3	4	
95% CI	3.9	30	28.7	0.3	1	1	
90% CI	3.3	25.2	24.1	0.3	0.8	0.8	
80% CI	2.6	19.6	18.8	0.2	0.6	0.6	
70% CI	2.1	15.9	15.2	0.2	0.5	0.5	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	20.1	160	200	0	0	0	
Plot 2	0	0	160	0	40.8	40.8	
Plot 3	0	0	160	9.8	20.5	30.3	
Plot 4	0	0	196.4	12.5	0	12.5	
Plot 5	4.7	225	200.1	0	0	0	
Plot 6	0	0	125	0	0	0	
Plot 7	0	0	120	0	0	0	
Plot 8	0	0	82.4	0	0	0	
Plot 9	0	0	80	0	32.6	32.6	
Plot 10	0	0	273.1	9.6	0	9.6	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050018	Setting CN	3253735010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/27/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	11	No Plots Installed: 3	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	5.9
Live basal area/acre ≥ 5" DBH	240
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	56.3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	42.2
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	57

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	5.9	272.7	240	40.4	15.9	56.3	
Std Dev	10.2	0	80	16	9.2	11.2	
CV %	173.2	0	33.3	39.5	57.7	19.8	
SE	5.9	0	46.2	9.2	5.3	6.4	
SE %	100	0	19.2	22.8	33.3	11.4	
95% CI	11.5	0	90.5	18.1	10.4	12.6	
90% CI	9.7	0	76	15.2	8.7	10.6	
80% CI	7.5	0	59.2	11.8	6.8	8.3	
70% CI	6.1	0	47.9	9.5	5.5	6.7	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	17.6	272.7	320	27.9	0	27.9	
Plot 2	0	0	240	93.3	0	93.3	
Plot 3	0	0	161.3	0	47.7	47.7	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050030	Setting CN	3253739010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/25/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	30	No Plots Installed: 7	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	6.4
Live basal area/acre ≥ 5" DBH	188.6
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	37.6
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	33
Live trees/acre ≥ 9" with dead/broken tops	13.6
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	10.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	6.4	182.5	188.6	36.3	1.3	37.6	
Std Dev	9	87.5	38	7.2	0.5	7.1	
CV %	140.4	47.9	20.2	19.9	37.8	18.8	
SE	3.4	33.1	14.4	2.7	0.2	2.7	
SE %	53.1	18.1	7.6	7.5	14.3	7.1	
95% CI	6.7	64.8	28.2	5.3	0.4	5.2	
90% CI	5.6	54.4	23.7	4.5	0.3	4.4	
80% CI	4.4	42.4	18.4	3.5	0.2	3.4	
70% CI	3.5	34.3	14.9	2.8	0.2	2.8	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	7.9	300	200	0	9.2	9.2	
Plot 2	0	0	160	14.7	0	14.7	
Plot 3	0	0	200	106.8	0	106.8	
Plot 4	22.3	161.3	224.9	0	0	0	
Plot 5	0	0	200	111.5	0	111.5	
Plot 6	14.7	150	129.5	20.8	0	20.8	
Plot 7	0	0	240	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050034	Setting CN	3253747010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/23/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	28	No Plots Installed: 7	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	2.5
Live basal area/acre ≥ 5" DBH	211.4
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	8.9
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	37.7
Live trees/acre ≥ 9" with dead/broken tops	1.2
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	33.1

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	2.5	180	211.4	8.9	0	8.9	
Std Dev	4.3	28.3	68.2	2.9	0	2.9	
CV %	172.4	15.7	32.2	33	0	33	
SE	1.6	10.7	25.8	1.1	0	1.1	
SE %	65.2	5.9	12.2	12.5	0	12.5	
95% CI	3.1	21	50.5	2.2	0	2.2	
90% CI	2.6	17.6	42.4	1.8	0	1.8	
80% CI	2.1	13.7	33	1.4	0	1.4	
70% CI	1.7	11.1	26.7	1.1	0	1.1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	9.6	160	160.8	0	0	0	
Plot 2	0	0	200	0	0	0	
Plot 3	0	0	204.3	7.2	0	7.2	
Plot 4	0	0	156.4	54.9	0	54.9	
Plot 5	0	0	289.4	0	0	0	
Plot 6	0	0	320	0	0	0	
Plot 7	7.6	200	200	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050036	Setting CN	3253755010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/21/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	32	No Plots Installed: 6	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	3.2
Live basal area/acre ≥ 5" DBH	200
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	31.1
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	36.4
Live trees/acre ≥ 9" with dead/broken tops	10.3
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	11.3

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	3.2	213	200	31.1	0	31.1	
Std Dev	5	76	50.6	10.9	0	10.9	
CV %	158.7	35.7	25.3	35.2	0	35.2	
SE	2	31	20.7	4.5	0	4.5	
SE %	64.8	14.6	10.3	14.4	0	14.4	
95% CI	4	60.8	40.5	8.7	0	8.7	
90% CI	3.4	51.1	34	7.3	0	7.3	
80% CI	2.6	39.8	26.5	5.7	0	5.7	
70% CI	2.1	32.2	21.4	4.6	0	4.6	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	7.8	145	200.3	22.9	0	22.9	
Plot 2	0	0	133.8	163.6	0	163.6	
Plot 3	11.2	247	200	0	0	0	
Plot 4	0	0	291.1	0	0	0	
Plot 5	0	0	200	0	0	0	
Plot 6	0	0	200	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050038	Setting CN	3253762010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/21/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	29	No Plots Installed: 6	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	7.2
Live basal area/acre ≥ 5" DBH	186.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	30.9
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	37.6
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	32.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	7.2	270	186.7	30.9	0	30.9	
Std Dev	11.7	36.1	70	4.5	0	4.5	
CV %	161.8	13.4	37.5	14.4	0	14.4	
SE	4.8	14.7	28.6	1.8	0	1.8	
SE %	66	5.5	15.3	5.9	0	5.9	
95% CI	9.3	28.9	56	3.6	0	3.6	
90% CI	7.8	24.2	47	3	0	3	
80% CI	6.1	18.9	36.7	2.3	0	2.3	
70% CI	4.9	15.2	29.6	1.9	0	1.9	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	160	62.9	0	62.9	
Plot 2	0	0	92.1	50.3	0	50.3	
Plot 3	16.3	300	280	46.2	0	46.2	
Plot 4	0	0	211.9	0	0	0	
Plot 5	27	250	160	0	0	0	
Plot 6	0	0	240	26.3	0	26.3	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050056	**Setting CN**	3253687010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	6/21/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	19	**No Plots Installed: 5**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	1.1
Live basal area/acre ≥ 5" DBH	168
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	37.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	35.7
Live trees/acre ≥ 9" with dead/broken tops	9.1
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	2.8

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	1.1	180	168	37.5	0	37.5	
Std Dev	2.5	0	99.6	8.4	0	8.4	
CV %	223.6	0	59.3	22.5	0	22.5	
SE	1.1	0	44.5	3.8	0	3.8	
SE %	100	0	26.5	10.1	0	10.1	
95% CI	2.2	0	87.3	7.4	0	7.4	
90% CI	1.9	0	73.3	6.2	0	6.2	
80% CI	1.5	0	57.1	4.8	0	4.8	
70% CI	1.2	0	46.1	3.9	0	3.9	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	5.7	180	240	7.2	0	7.2	
Plot 2	0	0	240	17.8	0	17.8	
Plot 3	0	0	0	98.5	0	98.5	
Plot 4	0	0	160	0	0	0	
Plot 5	0	0	200	64.2	0	64.2	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020005	**Setting CN**	3291111010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	8/3/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	26	**No Plots Installed: 5**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	1.7
Live basal area/acre ≥ 5" DBH	232
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	9.8
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	31.6
Live trees/acre ≥ 9" with dead/broken tops	3
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	6.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	1.7	180	232	9.8	0	9.8	
Std Dev	3.7	0	111	4.4	0	4.4	
CV %	223.6	0	47.8	44.7	0	44.7	
SE	1.7	0	49.6	2	0	2	
SE %	100	0	21.4	20	0	20	
95% CI	3.3	0	97.3	3.8	0	3.8	
90% CI	2.7	0	81.7	3.2	0	3.2	
80% CI	2.1	0	63.6	2.5	0	2.5	
70% CI	1.7	0	51.4	2	0	2	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	315.9	0	0	0	
Plot 2	8.3	180	360	0	0	0	
Plot 3	0	0	160	0	0	0	
Plot 4	0	0	280	0	0	0	
Plot 5	0	0	80	48.8	0	48.8	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020032	Setting CN	3291117010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	8/7/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	10	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	5.1
Live basal area/acre ≥ 5" DBH	360
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	32
Live trees/acre ≥ 9" with dead/broken tops	15.9
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	12.7

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	5.1	152	360	0	0	0	
Std Dev	8.9	0	40	0	0	0	
CV %	173.2	0	11.1	0	0	0	
SE	5.1	0	23.1	0	0	0	
SE %	100	0	6.4	0	0	0	
95% CI	10.1	0	45.3	0	0	0	
90% CI	8.5	0	38	0	0	0	
80% CI	6.6	0	29.6	0	0	0	
70% CI	5.3	0	23.9	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	15.4	152	400	0	0	0	
Plot 2	0	0	393.1	0	0	0	
Plot 3	0	0	320	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020033	Setting CN	3291121010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	8/7/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	6	No Plots Installed: 3	Habitat Type Code: 517

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	C

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	173.3
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	1
Snags/Acre ≥ 9"	74.8
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	27.2
Live trees/acre ≥ 9" with dead/broken tops	20.2
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	3.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	173.3	74.8	0	74.8	
Std Dev	0	0	61.1	23.5	0	23.5	
CV %	0	0	35.3	31.4	0	31.4	
SE	0	0	35.3	13.5	0	13.5	
SE %	0	0	20.4	18.1	0	18.1	
95% CI	0	0	69.1	26.5	0	26.5	
90% CI	0	0	58	22.3	0	22.3	
80% CI	0	0	45.2	17.4	0	17.4	
70% CI	0	0	36.5	14	0	14	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	120	84.7	0	84.7	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	240	139.7	0	139.7	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020037	**Setting CN**	3291125010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	8/3/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	14	**No Plots Installed: 5**	**Habitat Type Code: 546**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	11.8
Live basal area/acre ≥ 5" DBH	232
Meets old-growth definition?	1

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	42.7
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	44
Live trees/acre ≥ 9" with dead/broken tops	16.4
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	19

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	11.8	207.4	232	37.9	4.8	42.7	
Std Dev	16.6	3.9	71.6	7.8	1.4	8.8	
CV %	140.1	1.9	30.8	20.7	29.8	20.6	
SE	7.4	1.7	32	3.5	0.6	3.9	
SE %	62.7	0.8	13.8	9.3	13.3	9.2	
95% CI	14.5	3.4	62.7	6.9	1.3	7.7	
90% CI	12.2	2.8	52.6	5.8	1.1	6.5	
80% CI	9.5	2.2	41	4.5	0.8	5	
70% CI	7.7	1.8	33.2	3.6	0.7	4.1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	281.6	40.2	0	40.2	
Plot 2	24.6	204.3	240	4.4	8	12.4	
Plot 3	34.5	209.8	320.3	47.7	0	47.7	
Plot 4	0	0	189.6	97	16.2	113.1	
Plot 5	0	0	170.5	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020038	Setting CN	3291131010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	8/3/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	25	No Plots Installed: 6	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	266.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	21.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	29.7
Live trees/acre ≥ 9" with dead/broken tops	17
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	31.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	266.7	17.1	4.4	21.5	
Std Dev	0	0	54.7	4.5	1.8	4.3	
CV %	0	0	20.5	26.5	40.8	20.1	
SE	0	0	22.3	1.9	0.7	1.8	
SE %	0	0	8.4	10.8	16.7	8.2	
95% CI	0	0	43.7	3.6	1.4	3.5	
90% CI	0	0	36.7	3	1.2	2.9	
80% CI	0	0	28.6	2.4	0.9	2.3	
70% CI	0	0	23.1	1.9	0.8	1.8	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	280	0	0	0	
Plot 2	0	0	240	0	26.3	26.3	
Plot 3	0	0	287.9	0	0	0	
Plot 4	0	0	360	42.1	0	42.1	
Plot 5	0	0	200	0	0	0	
Plot 6	0	0	240	60.8	0	60.8	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020071	**Setting CN**	3290460010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/1/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	9	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	173.3
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	7.2
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	26.1
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	173.3	7.2	0	7.2	
Std Dev	0	0	122.2	4.2	0	4.2	
CV %	0	0	70.5	57.7	0	57.7	
SE	0	0	70.6	2.4	0	2.4	
SE %	0	0	40.7	33.3	0	33.3	
95% CI	0	0	138.3	4.7	0	4.7	
90% CI	0	0	116.1	4	0	4	
80% CI	0	0	90.4	3.1	0	3.1	
70% CI	0	0	73.1	2.5	0	2.5	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	200	0	0	0	
Plot 2	0	0	280	0	0	0	
Plot 3	0	0	67.5	21.7	0	21.7	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253020074	Setting CN	3290464010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/10/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	28	**No Plots Installed: 6**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	206.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	52.3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	38.1
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	38.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	206.7	50.6	1.7	52.3	
Std Dev	0	0	68.9	12.2	0.7	12	
CV %	0	0	33.3	24.1	40.8	22.9	
SE	0	0	28.1	5	0.3	4.9	
SE %	0	0	13.6	9.9	16.7	9.4	
95% CI	0	0	55.1	9.8	0.6	9.6	
90% CI	0	0	46.3	8.2	0.5	8.1	
80% CI	0	0	36.1	6.4	0.4	6.3	
70% CI	0	0	29.1	5.2	0.3	5.1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	160	27.7	0	27.7	
Plot 2	0	0	200	0	0	0	
Plot 3	0	0	200	179.2	0	179.2	
Plot 4	0	0	120	0	10.4	10.4	
Plot 5	0	0	240	96.7	0	96.7	
Plot 6	0	0	322.1	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030009	**Setting CN**	3291138010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	8/5/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	13	**No Plots Installed: 4**	**Habitat Type Code: 517**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	C

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	210
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	1
Snags/Acre ≥ 9"	54.1
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	18.5
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	8.4

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	210	37.8	16.3	54.1	
Std Dev	0	0	82.5	5.7	8.2	13.9	
CV %	0	0	39.3	15.2	50	25.6	
SE	0	0	41.2	2.9	4.1	6.9	
SE %	0	0	19.6	7.6	25	12.8	
95% CI	0	0	80.8	5.6	8	13.6	
90% CI	0	0	67.8	4.7	6.7	11.4	
80% CI	0	0	52.9	3.7	5.2	8.9	
70% CI	0	0	42.7	3	4.2	7.2	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	280	71.9	65.3	137.2	
Plot 2	0	0	160	26.9	0	26.9	
Plot 3	0	0	280	29.9	0	29.9	
Plot 4	0	0	122	22.4	0	22.4	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253030039	Setting CN	3291143010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	8/7/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	40	No Plots Installed: 10	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	1.4
Live basal area/acre ≥ 5" DBH	180
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	5.3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	31.1
Live trees/acre ≥ 9" with dead/broken tops	2.1
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	3.5

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	1.4	200	180	5.3	0	5.3	
Std Dev	3.2	0	43.2	0.9	0	0.9	
CV %	223	0	24	17	0	17	
SE	1	0	13.7	0.3	0	0.3	
SE %	70.5	0	7.6	5.4	0	5.4	
95% CI	2	0	26.8	0.6	0	0.6	
90% CI	1.7	0	22.5	0.5	0	0.5	
80% CI	1.3	0	17.5	0.4	0	0.4	
70% CI	1	0	14.2	0.3	0	0.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	160	0	0	0	
Plot 2	0	0	139.2	0	0	0	
Plot 3	9.4	200	201	0	0	0	
Plot 4	0	0	200	0	0	0	
Plot 5	0	0	124.1	13.3	0	13.3	
Plot 6	4.9	200	241.2	0	0	0	
Plot 7	0	0	172.1	24.8	0	24.8	
Plot 8	0	0	238	0	0	0	
Plot 9	0	0	242.4	0	0	0	
Plot 10	0	0	160	15.2	0	15.2	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050023	**Setting CN**	3290471010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/8/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	23	**No Plots Installed: 6**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	186.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	16.8
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	29
Live trees/acre ≥ 9" with dead/broken tops	12.2
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	186.7	0	16.8	16.8	
Std Dev	0	0	90	0	4.8	4.8	
CV %	0	0	48.2	0	28.3	28.3	
SE	0	0	36.8	0	1.9	1.9	
SE %	0	0	19.7	0	11.6	11.6	
95% CI	0	0	72	0	3.8	3.8	
90% CI	0	0	60.5	0	3.2	3.2	
80% CI	0	0	47.1	0	2.5	2.5	
70% CI	0	0	38.1	0	2	2	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	200.1	0	11.9	11.9	
Plot 2	0	0	120	0	0	0	
Plot 3	0	0	160	0	0	0	
Plot 4	0	0	186.2	0	15.4	15.4	
Plot 5	0	0	131.8	0	73.3	73.3	
Plot 6	0	0	360	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050032	**Setting CN**	3291154010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	8/13/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	52	**No Plots Installed: 10**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	6.5
Live basal area/acre ≥ 5" DBH	220
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	11.2
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	34.6
Live trees/acre ≥ 9" with dead/broken tops	3
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	31.5

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	6.5	203	220	11.2	0	11.2	
Std Dev	12.3	32.5	76	2.6	0	2.6	
CV %	191	16	34.6	22.8	0	22.8	
SE	3.9	10.3	24	0.8	0	0.8	
SE %	60.4	5.1	10.9	7.2	0	7.2	
95% CI	7.6	20.1	47.1	1.6	0	1.6	
90% CI	6.4	16.9	39.5	1.3	0	1.3	
80% CI	5	13.2	30.8	1	0	1	
70% CI	4	10.6	24.9	0.8	0	0.8	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	231.7	0	0	0	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	161.4	0	0	0	
Plot 4	5.9	180	200	0	0	0	
Plot 5	25.5	170	323.7	0	0	0	
Plot 6	0	0	226.4	0	0	0	
Plot 7	0	0	120	0	0	0	
Plot 8	33.1	225.3	280	0	0	0	
Plot 9	0	0	360	76.8	0	76.8	
Plot 10	0	0	200	35.1	0	35.1	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050033	Setting CN	3291165010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	8/15/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	8	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	2.8
Live basal area/acre ≥ 5" DBH	240
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	35.1
Live trees/acre ≥ 9" with dead/broken tops	2.8
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	42.2

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	2.8	200	240	0	0	0	
Std Dev	4.9	0	40	0	0	0	
CV %	173.2	0	16.7	0	0	0	
SE	2.8	0	23.1	0	0	0	
SE %	100	0	9.6	0	0	0	
95% CI	5.5	0	45.3	0	0	0	
90% CI	4.7	0	38	0	0	0	
80% CI	3.6	0	29.6	0	0	0	
70% CI	2.9	0	23.9	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	8.5	200	285.8	0	0	0	
Plot 2	0	0	283.7	0	0	0	
Plot 3	0	0	255.1	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050034	Setting CN	3291169010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	8/15/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	8	No Plots Installed: 3	Habitat Type Code: 524

Old-Growth Criteria Used

Old-Growth Zone	Cannot Assess: Not enough ages measured
Old-Growth Forest Type	
Old-Growth Habitat Type Group	

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	
Minimum tree DBH	
Minimum tree age	
Minimum live basal area/acre ≥ 5" DBH	

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	
Live basal area/acre ≥ 5" DBH	
Meets old-growth definition?	Cannot Assess: Not enough ages measured

Associated Characteristics

Vertical Structure	
Snags/Acre ≥ 9"	
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	
Live trees/acre ≥ 9" with dead/broken tops	
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	Cannot Assess: Not enough ages measured
Future old growth: 20 Years	Cannot Assess: Not enough ages measured
Future old growth: 30 Years	Cannot Assess: Not enough ages measured
Future old growth: 40 Years	Cannot Assess: Not enough ages measured

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate							
Std Dev							
CV %							
SE							
SE %							
95% CI							
90% CI							
80% CI							
70% CI							

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1							
Plot 2							
Plot 3							

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050036	Setting CN	3291173010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	8/15/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	7	No Plots Installed: 3	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	226.7
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	1
Snags/Acre ≥ 9"	14.9
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	22.4
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	8.1

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	226.7	0	14.9	14.9	
Std Dev	0	0	23.1	0	8.6	8.6	
CV %	0	0	10.2	0	57.7	57.7	
SE	0	0	13.3	0	5	5	
SE %	0	0	5.9	0	33.3	33.3	
95% CI	0	0	26.1	0	9.7	9.7	
90% CI	0	0	21.9	0	8.2	8.2	
80% CI	0	0	17.1	0	6.4	6.4	
70% CI	0	0	13.8	0	5.2	5.2	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	240	0	44.8	44.8	
Plot 2	0	0	200	0	0	0	
Plot 3	0	0	240.4	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050040	Setting CN	3290478010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	8/27/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	25	No Plots Installed: 5	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	192
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	29.8
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	0.0

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	192	0	0	0	
Std Dev	0	0	76.9	0	0	0	
CV %	0	0	40.1	0	0	0	
SE	0	0	34.4	0	0	0	
SE %	0	0	17.9	0	0	0	
95% CI	0	0	67.4	0	0	0	
90% CI	0	0	56.6	0	0	0	
80% CI	0	0	44.1	0	0	0	
70% CI	0	0	35.6	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	318.8	0	0	0	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	200	0	0	0	
Plot 4	0	0	280	0	0	0	
Plot 5	0	0	80	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050253050043	**Setting CN**	3290484010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	8/25/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	31	**No Plots Installed: 8**	**Habitat Type Code: 515**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	D

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	80

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	1
Live basal area/acre ≥ 5" DBH	165
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	2.3
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	24.6
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	5.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	1	200	165	0	2.3	2.3	
Std Dev	2.9	0	129.1	0	0.8	0.8	
CV %	282.8	0	78.2	0	35.4	35.4	
SE	1	0	45.6	0	0.3	0.3	
SE %	100	0	27.7	0	12.5	12.5	
95% CI	2	0	89.4	0	0.6	0.6	
90% CI	1.7	0	75.1	0	0.5	0.5	
80% CI	1.3	0	58.5	0	0.4	0.4	
70% CI	1.1	0	47.3	0	0.3	0.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	120	0	0	0	
Plot 2	0	0	160	0	0	0	
Plot 3	0	0	40	0	0	0	
Plot 4	0	0	40.3	0	0	0	
Plot 5	0	0	320	0	0	0	
Plot 6	0	0	360	0	0	0	
Plot 7	0	0	40.1	0	0	0	
Plot 8	8.1	200	263.2	0	18.2	18.2	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050022	Setting CN	3291177010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	7/27/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	9	No Plots Installed: 3	Habitat Type Code: 546

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	19.1
Live basal area/acre ≥ 5" DBH	346.7
Meets old-growth definition?	1

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	15.5
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	39.1
Live trees/acre ≥ 9" with dead/broken tops	13.2
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	5.5

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	1
Future old growth: 20 Years	1
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	19.1	237	346.7	0	15.5	15.5	
Std Dev	3.7	52.7	46.2	0	7.2	7.2	
CV %	19.4	22.2	13.3	0	46.6	46.6	
SE	2.1	30.4	26.7	0	4.2	4.2	
SE %	11.2	12.8	7.7	0	26.9	26.9	
95% CI	4.2	59.6	52.3	0	8.2	8.2	
90% CI	3.5	50	43.9	0	6.9	6.9	
80% CI	2.7	39	34.2	0	5.3	5.3	
70% CI	2.2	31.5	27.6	0	4.3	4.3	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	18.9	259	320	0	6.3	6.3	
Plot 2	15.4	167	320	0	40.2	40.2	
Plot 3	22.8	250	400	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050043	**Setting CN**	3290493010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/3/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	15	**No Plots Installed: 4**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	ABGR
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	5.7
Live basal area/acre ≥ 5" DBH	180
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	C
Snags/Acre ≥ 9"	79.2
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	33.9
Live trees/acre ≥ 9" with dead/broken tops	5.1
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	1.7

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	5.7	187.5	180	75.1	4.1	79.2	
Std Dev	11.4	0	83.3	30.7	2	30	
CV %	200	0	46.3	40.9	50	37.9	
SE	5.7	0	41.6	15.4	1	15	
SE %	100	0	23.1	20.4	25	19	
95% CI	11.2	0	81.6	30.1	2	29.4	
90% CI	9.4	0	68.5	25.3	1.7	24.7	
80% CI	7.3	0	53.4	19.7	1.3	19.2	
70% CI	5.9	0	43.1	15.9	1.1	15.5	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	80	257.9	0	257.9	
Plot 2	0	0	160	34.9	0	34.9	
Plot 3	22.9	187.5	280	7.5	16.3	23.9	
Plot 4	0	0	200.1	0	0	0	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050046	Setting CN	3290498010602
Project Name	WHITE PINE CSE	Exam Purpose	SE
Measurement Date	9/3/2016	Exam Level	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	9	No Plots Installed: 3	Habitat Type Code: 531

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	THPL
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	25
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	0
Live basal area/acre ≥ 5" DBH	173.3
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	48.9
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	38
Live trees/acre ≥ 9" with dead/broken tops	0.0
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	7.8

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	0
Future old growth: 40 Years	0

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	0	0	173.3	48.9	0	48.9	
Std Dev	0	0	23.1	5.2	0	5.2	
CV %	0	0	13.3	10.7	0	10.7	
SE	0	0	13.3	3	0	3	
SE %	0	0	7.7	6.2	0	6.2	
95% CI	0	0	26.1	5.9	0	5.9	
90% CI	0	0	21.9	5	0	5	
80% CI	0	0	17.1	3.9	0	3.9	
70% CI	0	0	13.8	3.1	0	3.1	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	0	0	160	30.7	0	30.7	
Plot 2	0	0	160	58.5	0	58.5	
Plot 3	0	0	200	57.4	0	57.4	

Old Growth Report (0117 White Pine, 16461010602)

Setting Id	01050255050047	**Setting CN**	3290502010602
Project Name	WHITE PINE CSE	**Exam Purpose**	SE
Measurement Date	9/3/2016	**Exam Level**	Tree:3 Veg:0 DW:0 SC:0
Stand Acres	5	**No Plots Installed: 3**	**Habitat Type Code: 531**

Old-Growth Criteria Used

Old-Growth Zone	ID
Old-Growth Forest Type	PSME
Old-Growth Habitat Type Group	G

Thresholds for setting to qualify as old growth

Minimum trees/acre meeting age and DBH criteria	10
Minimum tree DBH	21
Minimum tree age	150
Minimum live basal area/acre ≥ 5" DBH	120

Current Condition

Stand Attributes

Number of trees/acre meeting age and dbh criteria	6.3
Live basal area/acre ≥ 5" DBH	160
Meets old-growth definition?	0

Associated Characteristics

Vertical Structure	2
Snags/Acre ≥ 9"	0
Coefficient of Variation% -- DBH [live trees ≥ 9" DBH]	36
Live trees/acre ≥ 9" with dead/broken tops	11.2
Down logs/acre ≥ 9" diameter (at intersection)	
Live trees per acre ≥ 9" with decay	9.6

Future Condition (years indicated are added to current tree age, no growth or mortality included)

Future old growth: 10 Years	0
Future old growth: 20 Years	0
Future old growth: 30 Years	1
Future old growth: 40 Years	1

Old Growth Report (0117 White Pine, 16461010602)

Stand-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Estimate	6.3	225	160	0	0	0	
Std Dev	6.5	0	105.8	0	0	0	
CV %	103.5	0	66.1	0	0	0	
SE	3.7	0	61.1	0	0	0	
SE %	59.7	0	38.2	0	0	0	
95% CI	7.3	0	119.8	0	0	0	
90% CI	6.2	0	100.5	0	0	0	
80% CI	4.8	0	78.3	0	0	0	
70% CI	3.9	0	63.3	0	0	0	

Plot-Level Statistics

	No. of Trees/Acre Meeting Minimum Criteria	BA Wtd Average Age for Trees Meeting Minimum Criteria	Live Basal Area / Acre ≥ 5" DBH	Hard Snags/ Acre ≥ 9" DBH [decay class 1,2]	Soft Snags/Acre ≥ 9" DBH [decay class 3,4,5]	Total Snags/Acre ≥ 9" DBH	Down Logs/Acre ≥ 9" DBH
Plot 1	5.9	225	283.2	0	0	0	
Plot 2	12.9	225	80	0	0	0	
Plot 3	0	0	120.3	0	0	0	